

# Office Machinery Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
333313, Office machinery manufacturing .. 2002..	95	106	9 804	435 661	3 694	6 735	120 764	1 386 665	1 095 239	2 509 023	61 923
2001..	N	N	12 555	529 263	5 299	10 601	169 170	1 024 081	1 631 042	2 692 036	54 653
2000..	N	N	11 090	350 871	4 563	9 413	122 439	1 403 710	1 319 103	2 710 684	43 924
1999..	N	N	13 063	409 343	5 984	11 870	140 940	1 466 469	1 268 276	2 993 324	52 121
1998..	N	N	13 403	434 135	6 099	12 119	143 556	1 733 627	1 333 297	3 064 717	62 191
1997..	158	168	14 586	452 165	6 913	13 513	160 785	1 807 173	1 341 894	3 162 823	113 565

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>333313, Office machinery manufacturing</b>												
United States .....	—	106	42	9 804	435 661	3 694	6 735	120 764	1 386 665	1 095 239	2 509 023	61 923
California .....	4	18	2	134	6 744	58	125	1 214	11 808	11 396	24 601	991
Illinois .....	—	6	3	433	20 798	146	244	4 504	57 644	36 348	89 575	631
Texas .....	—	7	3	780	38 188	210	442	6 609	6 951	145 686	179 452	3 840

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>333313, Office machinery manufacturing</b>	
Companies <sup>1</sup> .....	number.. 95
All establishments <sup>2</sup> .....	number.. 106
Establishments with 1 to 19 employees .....	number.. 64
Establishments with 20 to 99 employees .....	number.. 24
Establishments with 100 employees or more .....	number.. 18
All employees <sup>3</sup> .....	number.. 9 804
Total compensation .....	\$1,000.. 528 916
Annual payroll .....	\$1,000.. 435 661
Total fringe benefits .....	\$1,000.. 93 255
Production workers, average for year .....	number.. 3 694
Production workers on March 12 .....	number.. 3 730
Production workers on May 12 .....	number.. 3 773
Production workers on August 12 .....	number.. 3 722
Production workers on November 12 .....	number.. 3 548
Production worker hours .....	1,000.. 6 735
Production worker wages .....	\$1,000.. 120 764
Total cost of materials .....	\$1,000.. 1 095 239
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 970 573
Resales .....	\$1,000.. 92 817
Purchased fuels .....	\$1,000.. 1 919
Purchased electricity .....	\$1,000.. 5 860
Contract work .....	\$1,000.. 24 070
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 91 533
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 2 509 023
Primary products value of shipments .....	\$1,000.. 2 262 599
Secondary products value of shipments .....	\$1,000.. 60 068
Total miscellaneous receipts .....	\$1,000.. 186 356
Value of resales .....	\$1,000.. 151 358
Contract receipts .....	\$1,000.. D
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. 97
Value of primary products shipments made in all industries .....	\$1,000.. 2 453 394
Value of primary products shipments made in this industry .....	\$1,000.. 2 262 599
Value of primary products shipments made in other industries .....	\$1,000.. 190 795
Coverage ratio .....	percent.. 92
Value added .....	\$1,000.. 1 386 665
Total inventories, beginning of year .....	\$1,000.. 296 529
Finished goods inventories .....	\$1,000.. 70 412
Work-in-process inventories .....	\$1,000.. 86 046
Materials and supplies inventories .....	\$1,000.. 140 071
Total inventories, end of year .....	\$1,000.. 276 699
Finished goods inventories .....	\$1,000.. 69 949
Work-in-process inventories .....	\$1,000.. 59 390
Materials and supplies inventories .....	\$1,000.. 147 360
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 1 899 669
Total capital expenditures (new and used) .....	\$1,000.. 61 923
Buildings and other structures (new and used) .....	\$1,000.. 8 321
Machinery and equipment (new and used) .....	\$1,000.. 53 602
Automobiles, trucks, etc., for highway use .....	\$1,000.. 1 642
Computers and peripheral data processing equipment .....	\$1,000.. 20 746
All other expenditures for machinery and equipment .....	\$1,000.. 31 214
Total retirements .....	\$1,000.. 90 269
Gross value of depreciable assets at end of year .....	\$1,000.. 1 871 323
Depreciation charges during year .....	\$1,000.. 90 449
Total rental payments .....	\$1,000.. 36 349
Buildings and other structures .....	\$1,000.. 31 005
Machinery and equipment .....	\$1,000.. 5 344
Total other expenses <sup>4</sup> .....	\$1,000.. 705 411
Response coverage ratio <sup>5</sup> .....	percent.. 88
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. D
Communications services <sup>4</sup> .....	\$1,000.. D
Legal services <sup>4</sup> .....	\$1,000.. 1 946
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 1 531
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 11 346
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 855
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. D
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. D
Taxes and license fees <sup>4</sup> .....	\$1,000.. D
All other expenses <sup>4</sup> .....	\$1,000.. D

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
333313, Office machinery manufacturing											
All establishments .....	—	106	9 804	435 661	3 694	6 735	120 764	1 386 665	1 095 239	2 509 023	61 923
Establishments with—											
1 to 4 employees .....	9	35	88	3 524	50	81	810	11 507	8 247	19 731	892
5 to 9 employees .....	7	17	119	5 442	66	119	1 023	14 369	12 771	28 900	1 150
10 to 19 employees .....	6	12	174	8 615	95	200	2 030	21 141	16 792	37 723	3 266
20 to 49 employees .....	—	16	493	18 062	245	527	5 690	40 362	34 879	76 462	1 503
50 to 99 employees .....	—	8	516	21 339	297	640	10 006	27 997	80 570	121 144	3 609
100 to 249 employees .....	—	8	1 255	62 785	525	1 050	18 857	119 912	85 381	197 085	9 424
250 to 499 employees .....	—	7	2 370	74 569	1 407	2 220	32 532	319 396	227 319	546 039	D
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	1	h	D	D	D	D	D	D	D	D
Administrative records <sup>4</sup> .....	9	34	145	6 592	95	174	1 195	22 783	17 595	40 375	1 860

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
333313	Office machinery manufacturing .....	106	9 804	435 661	3 694	6 735	120 764	1 386 665	1 095 239	2 509 023	61 923
3333131	Automatic typing and word processing machines, including parts and attachments .....	1	b	D	D	D	D	D	D	D	D
3333137	Duplicating machines, except parts and attachments .....	3	c	D	D	D	D	D	D	D	D
333313A	Mailing, letter handling, and addressing machines, except parts and attachments .....	25	7 500	355 337	2 129	4 040	83 508	1 163 209	931 150	2 123 975	48 655
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers .....	4	604	18 870	400	586	7 661	92 833	50 971	141 964	D
333313H	Other office machinery manufacturing .....	3	441	7 995	401	525	6 963	12 052	3 789	13 347	D
333313J	All other miscellaneous parts and attachments for office machines ...	11	658	24 038	427	873	12 655	35 466	55 852	93 159	6 592

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333313	Office machinery manufacturing .....	2002.. N 1997.. N	X X	X X	2 453 394 2 870 386
3333131	Automatic typing and word processing machines, including parts and attachments .....	2002.. N 1997.. N	X X	X X	D D
33331311	Automatic typing and word processing machines, including parts and attachments .....	2002.. N 1997.. N	X X	X X	D D
3333131100	Automatic typing and word processing machines, including parts and attachments <sup>1</sup> .....	2002.. 3 1997.. 5	X X	X X	D D
3333137	Duplicating machines, except parts and attachments .....	2002.. N 1997.. N	X X	X X	D D
33331371	Duplicating machines, except parts and attachments .....	2002.. N 1997.. N	X X	X X	D D
3333137100	Duplicating machines, except parts and attachments <sup>1</sup> .....	2002.. 3 1997.. 9	X X	X X	D D
333313A	Mailing, letter handling, and addressing machines, except parts and attachments .....	2002.. N 1997.. N	X X	X X	1 983 827 1 405 817
333313A1	Mailing, letter handling, and addressing machines, except parts and attachments .....	2002.. N 1997.. N	X X	X X	1 983 827 1 405 817
333313A100	Mailing, letter handling, and addressing machines, except parts and attachments <sup>1</sup> .....	2002.. 24 1997.. 29	X X	X X	1 983 827 1 405 817
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers .....	2002.. N 1997.. N	X N	X N	77 721 N
333313E1	Other electric office machines, including electric pencil sharpeners and electric staplers .....	2002.. N 1997.. N	X N	X N	77 721 N
333313E100	Other electric office machines, including electric pencil sharpeners and electric staplers <sup>1</sup> .....	2002.. 7 1997.. N	X N	X N	77 721 N
333313H	Other office machinery manufacturing .....	2002.. N 1997.. N	X N	X N	85 316 N
333313H1	Other office machinery manufacturing .....	2002.. N 1997.. N	X N	X N	85 316 N
333313H100	Other office machinery manufacturing <sup>1</sup> .....	2002.. 10 1997.. N	X N	X N	85 316 N
333313J	All other miscellaneous parts and attachments for office machines .....	2002.. N 1997.. N	X X	X X	186 474 527 617
333313J1	All other miscellaneous parts and attachments for office machines .....	2002.. N 1997.. N	X X	X X	186 474 527 617
333313J100	All other miscellaneous parts and attachments for office machines <sup>1</sup> .....	2002.. 23 1997.. 40	X X	X X	186 474 527 617
333313W	Office machinery manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	62 911 185 591
333313WY	Office machinery manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	62 911 185 591
333313WYWW	Office machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	26 988 164 729
333313WYWY	Office machinery manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	35 923 20 862

<sup>1</sup>For additional detail, see Current Industrial Report MA334R, Computers and Office and Accounting Machines.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3333131	Automatic typing and word processing machines, including parts and attachments	
	United States ..... 2002 ..	D
	..... 1997 ..	D
3333137	Duplicating machines, except parts and attachments	
	United States ..... 2002 ..	D
	..... 1997 ..	D
333313A	Mailing, letter handling, and addressing machines, except parts and attachments	
	United States ..... 2002 ..	1 983 827
	..... 1997 ..	1 405 817
	California ..... 2002 ..	7 399
	..... 1997 ..	N
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers	
	United States ..... 2002 ..	77 721
	..... 1997 ..	N
333313H	Other office machinery manufacturing	
	United States ..... 2002 ..	85 316
	..... 1997 ..	N
333313J	All other miscellaneous parts and attachments for office machines	
	United States ..... 2002 ..	186 474
	..... 1997 ..	527 617

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
333313	Office machinery manufacturing		
00900001	Total materials .....	X	970 573
	1997 ..	X	1 080 301
33441103	Cathode ray tubes (CRT) and all other transmittal, industrial, and special purpose electron tubes (excluding X-ray) .....	X	874
	1997 ..	X	D
33441200	Printed circuit boards (without inserted components) for electronic circuitry .....	X	2 398
	1997 ..	X	9 013
001900C3	Printed memory boards for electronic circuitry .....	X	382
	1997 ..	X	7 048
001900C6	Printed peripheral controllers (graphic boards, drive controllers, etc.) for electronic circuitry .....	X	D
	1997 ..	X	9 818
001900C7	Printed computer processors (system boards, array processors, etc.) for electronic circuitry .....	X	D
	1997 ..	X	19 284
001900C5	Printed communication boards (LAN boards, D/A and A/D converters, etc.) for electronic circuitry .....	X	D
	1997 ..	X	D
001900D1	Other printed circuit boards (loaded boards, subassemblies, and modules) for electronic circuitry .....	X	7 077
	1997 ..	X	2 391
33441300	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry .....	X	268
	1997 ..	X	28 197
33441400	Capacitors for electronic circuitry .....	X	89
	1997 ..	X	5 066
33441500	Resistors for electronic circuitry .....	X	89
	1997 ..	X	2 428
33441700	Connectors for electronic circuitry .....	X	199
	1997 ..	X	6 293
33400017	Battery packs for electronic circuitry .....	X	D
	1997 ..	X	3 056
001900D2	Other power supply units for electronic circuitry .....	X	2 902
	1997 ..	X	4 355
001900B8	Other components and accessories, for electronic circuitry (coils, transformers, transducers, switches, etc), excluding tubes .....	X	D
	1997 ..	X	12 219
001900B1	Electrical transmission, distribution, and control equipment .....	X	D
	1997 ..	X	5 148
33232201	Steel, aluminum, and other metal electronic enclosures .....	X	2 503
	1997 ..	X	14 477
32619901	Plastics electronic enclosures .....	X	4 280
	1997 ..	X	8 287
33200003	Sheet metal products, including stampings (excluding enclosures) .....	X	16 697
	1997 ..	X	17 535
33200017	All other fabricated metal products (excluding forgings) .....	X	43 433
	1997 ..	X	14 089
33210000	Forgings .....	X	164
	1997 ..	N	N
33100035	Castings, rough and semifinished .....	X	D
	1997 ..	X	1 812
33100033	Metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....	X	D
	1997 ..	X	9 022
331000A9	Insulated copper wire and cable (including magnet wire) .....	X	3 595
	1997 ..	X	3 040
32610031	Fabricated plastics products (excluding enclosures) .....	X	5 470
	1997 ..	X	10 546
33461100	Purchased software .....	X	8 532
	1997 ..	X	D
33593103	Appliance outlets, switches, lampholders, and other current-carrying wiring devices .....	X	D
	1997 ..	X	3 311
33531201	Electric motors and generators .....	X	4 822
	1997 ..	X	14 370
32200001	Paper and paperboard products (including paperboard boxes, containers, and corrugated paperboard) .....	X	6 000
	1997 ..	X	5 774
33411101	Purchased computers .....	X	18 218
	1997 ..	X	10 573
33411200	Purchased peripheral storage devices .....	X	D
	1997 ..	X	D
33411300	Purchased computer terminals .....	X	1 098
	1997 ..	X	194
33411903	Purchased peripheral input devices (including keyboards, mouse devices, track balls, etc.) .....	X	D
	1997 ..	X	D
33411905	Purchased peripheral printers .....	X	5 593
	1997 ..	X	9 271
00970099	All other materials and components, parts, containers, and supplies .....	X	783 556
	1997 ..	X	160 342
00971000	Materials, ingredients, containers, and supplies, nsk .....	X	21 082
	1997 ..	X	639 529

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.